

SLIP METER FOR DETERMINATION OF SURFACE SLIP RESISTANCE

ABSTRACT OF THE DISCLOSURE

A slip resistance measuring device features a magnetic actuator pivotally mounted on a portable frame positioned on a test surface to apply a linear force to a test specimen for engagement with the test surface at a preselected inclination angle thereto. The linear force is applied to the test specimen through a strain gauge plate which thereby undergoes stress sensed by a load cell mounted thereon from which strain stress signals are delivered under automatic testing operation to provide slip resistance measurement data for the test surface.